



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Ruskin Company**  
**3900 Dr. Greaves Road**  
**Grandview, MO 64030**

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Model ELC6375DXD Aluminum Combination Louver

**APPROVAL DOCUMENT:** Drawing No. **60-022114-00B to 08B**, titled "ELC6375DXD - Combination Louver - Specs Notes and Details", dated 11/15/2008, prepared by Ruskin Company, signed and sealed by Daniel J. Rau, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, Geneva, AL, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # **08-1211.05** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



*[Signature]*  
12/03/2012

NOA No. 12-0913.13  
Expiration Date: February 11, 2014  
Approval Date: December 6, 2012  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS “Submitted under NOA # 08-1211.05”**

1. Drawing No. **60-022114-00B to 08B**, titled “ELC6375DXD - Combination Louver - Specs Notes and Details”, dated 11/15/2008, prepared by Ruskin Company, signed and sealed by Daniel J. Rau, P.E.

**B. TESTS**

1. Test report on High Velocity Wind Driven Rain Resistance per AMCA 550 of a Model ELC6375DXD Extruded Combination Louver, prepared by PRI Construction Materials Technologies, LLC, Test Report No. **RCV-016-02-01**, dated 09/07/2012, signed and sealed by Duc T. Nguyen, P.E.

**“Submitted under NOA # 08-1211.05”**

2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of Model ELC6375DXD Combination Louvers, prepared by National Certified Testing Laboratories, Test Report No. **210-3550-1**, dated 10/27/2008, signed and sealed by Gerard J. Ferrara, P.E.

**C. CALCULATIONS “Submitted under NOA # 08-1211.05”**

1. Wind load bending and anchoring calculations, dated 11/14/2008, pages 1 to 23 of 23, prepared by Ruskin Company, signed and sealed by Daniel J. Rau, P.E.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

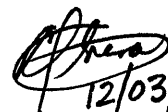
1. Test report on impact test per AMCA 540 of an ELC6375DXD louver, prepared by Ruskin Company, Test Report No. **070212B**, dated 07/02/2012, signed and sealed by Daniel J. Rau, P.E.

**F. STATEMENTS**

1. Statement letter of code conformance to 2010 FBC, issued by Ruskin Company, dated 08/09/2012, signed and sealed by Daniel J. Rau, P.E.

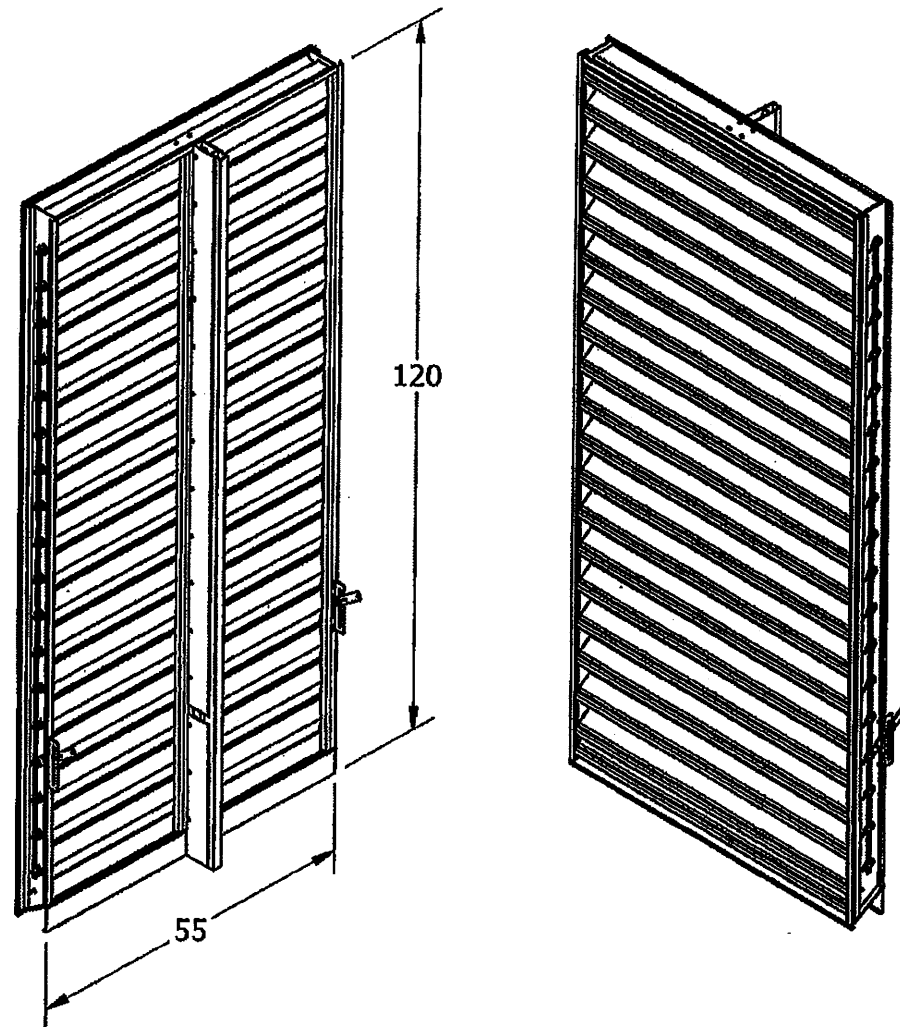
**“Submitted under NOA # 08-1211.05”**

2. No financial interest letter issued by Ruskin Company, dated 11/17/2008, signed and sealed by Daniel J. Rau, P.E.

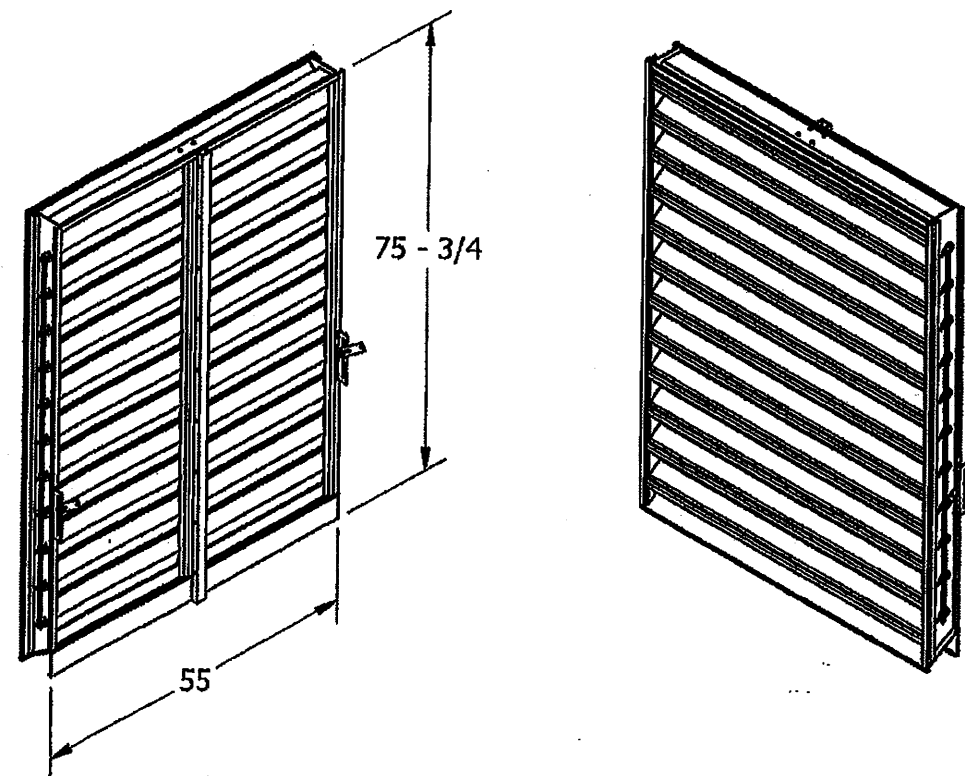
  
12/03/2012

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 12-0913.13

Expiration Date: February 11, 2014  
Approval Date: December 6, 2012



Typical Assembly Section - Ref. Dwg. -04B



Typical Assembly Section - Ref. Dwg. -03B

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0913.13  
Expiration Date 02/11/2014  
By *[Signature]*  
Miami Dade Product Control

NOTES:

1. Dimensions Shown Are Actual Size.

2. Louver Is Designed For Windload Of  $\pm 110$  PSF.

3. Abbreviations:

4. Sealing Requirements Around Louver Shall Comply With Provisions Of Chapter 15 Of Florida Building Code.

5. Detail Balloon Description: Detail No. 1  
Dwg. No. Detail Is Referenced On. 52D

6. Mill Finish Is Standard. Painted And Anodized Finishes Are Also Available.

A 7. Maximum Single Section Size Is 55" x 120", Maximum Field Assembled Size Is Unlimited Width x 120" tall. Units May Be Constructed In Smaller Sizes. Minimum Outside Dimensions Are 12" x 12".

8. Ruskin Does Not Install ELC6375DXD Louver. Proper Louver Installation Per Approved Installation Details Is The Responsibility Of The Installation Contractor.

9. Ref Dwgs -01B Thru -04B For Details, -05B And -07B For Parts And -08B For Parts List.

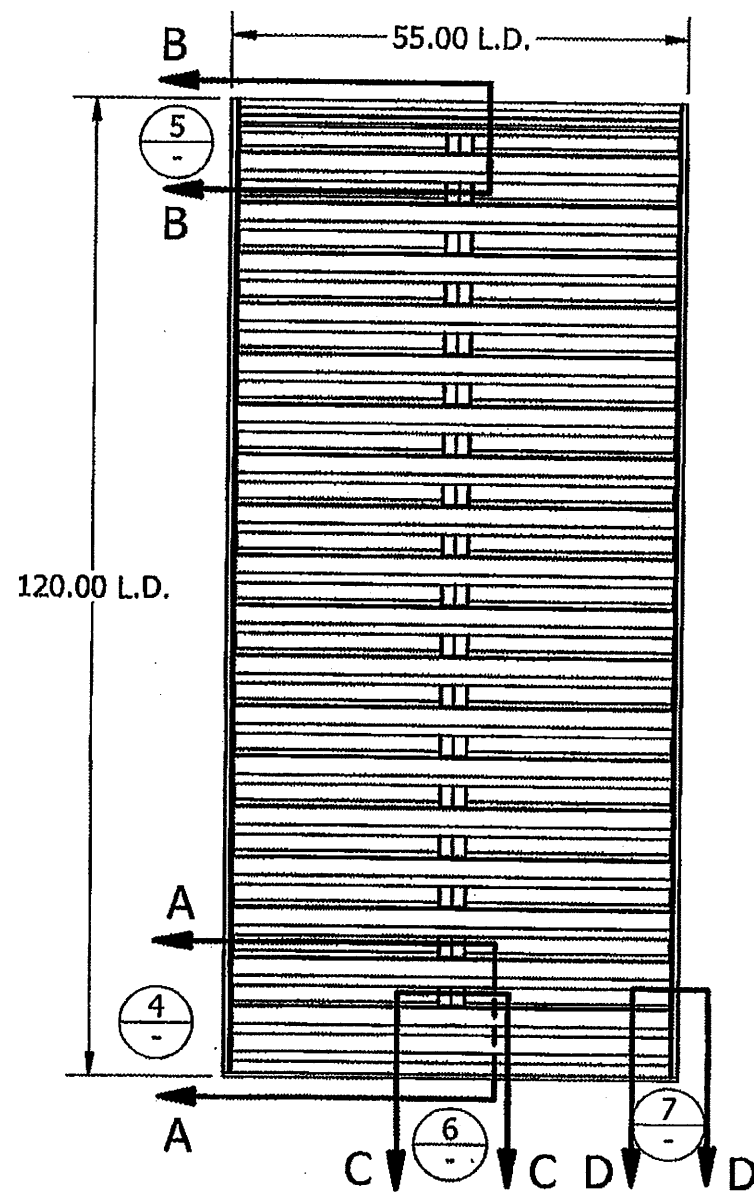
10. This System Is To Be Installed In A Location Where The Room Inside The System Is Designed To Drain Water Penetrating Into The Room And The Room Will House Water Resistant/Water Proof Equipment, Components Or Supplies.

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Approved as complying with the  
Florida Building Code  
Date 02/11/2009  
NOA# 08-7211.05  
Miami Dade Product Control  
Division *[Signature]*  
By *[Signature]*

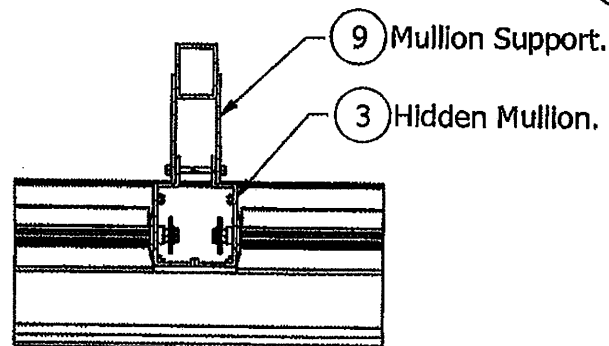
Engineer Of Record:  
Daniel J. Rau  
Engineering Discipline:  
Civil Engineering  
State Of Florida #63636

A	Note 7.	VMA	DWS	DJR		11/5/08
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	ENK	8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL			
CHECKED	DJR	11/15/08				
APPROVED	DJR	11/15/08				
MATERIAL	<i>[Signature]</i> 11/15/2008		PRODUCT			
TITLE		ELC6375DXD - Combination Louver - Specs Notes And Details				
SIZE	B	DWG NO	60-022114-00B		REV	
SCALE	INVENTOR		SHEET 1 OF 9			

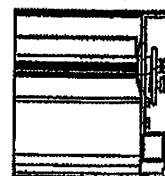


(2) Front Elevation

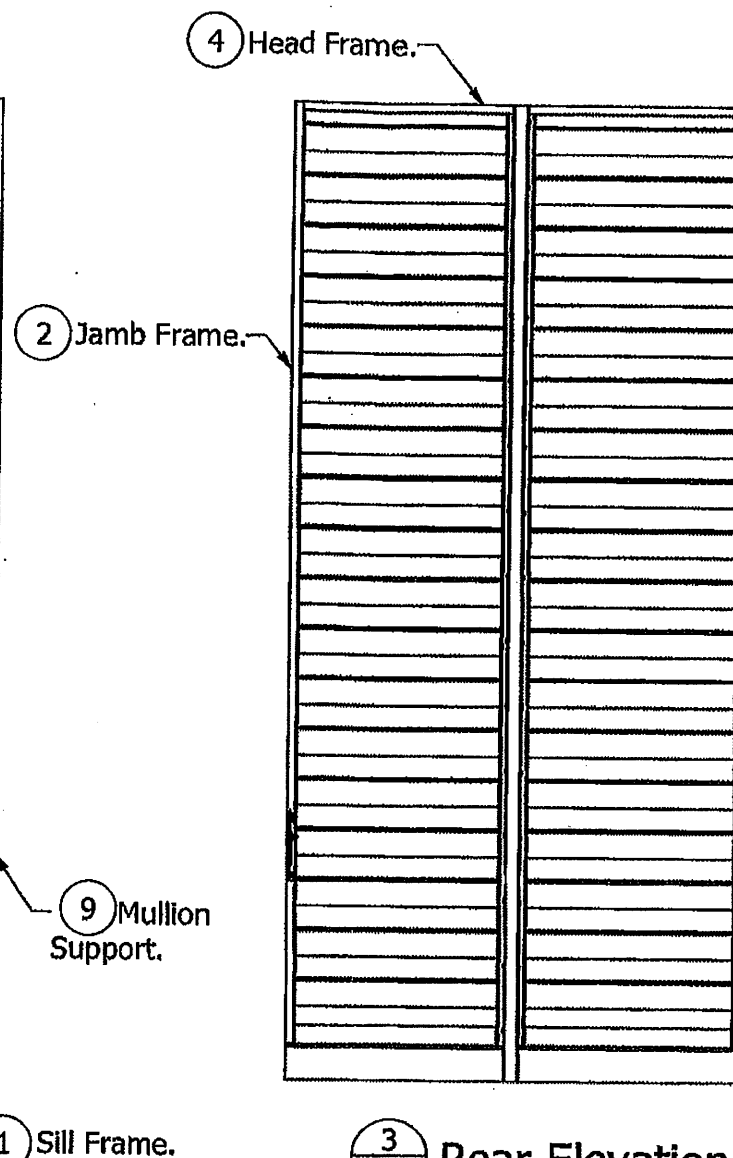
(1) Side Elevation



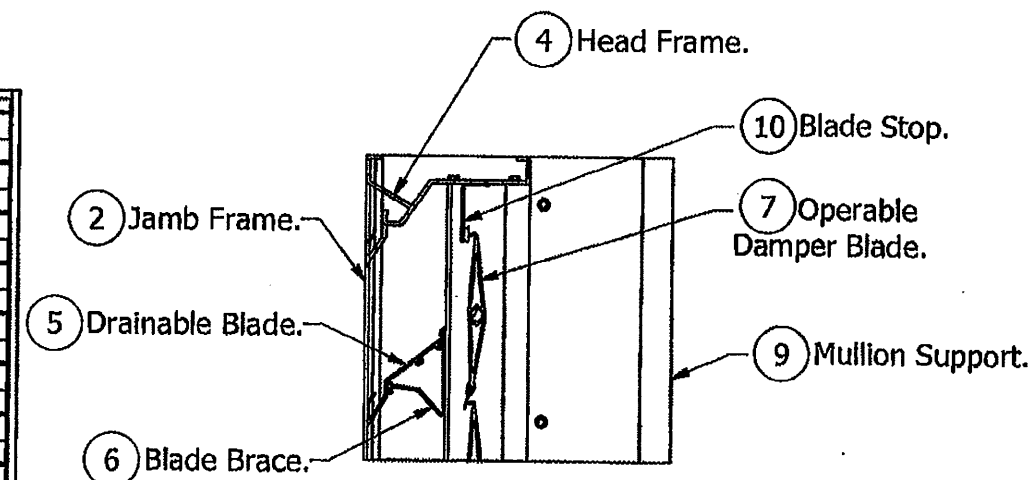
(6) SECTION C-C



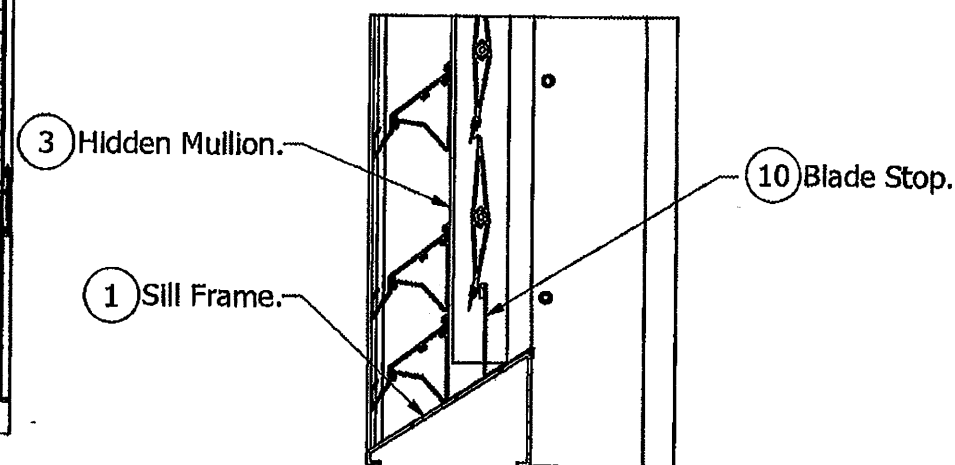
(7) SECTION D-D



(3) Rear Elevation



(5) SECTION B-B



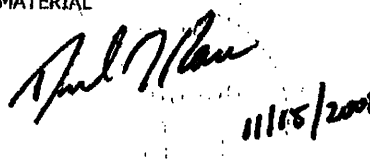
(4) SECTION A-A

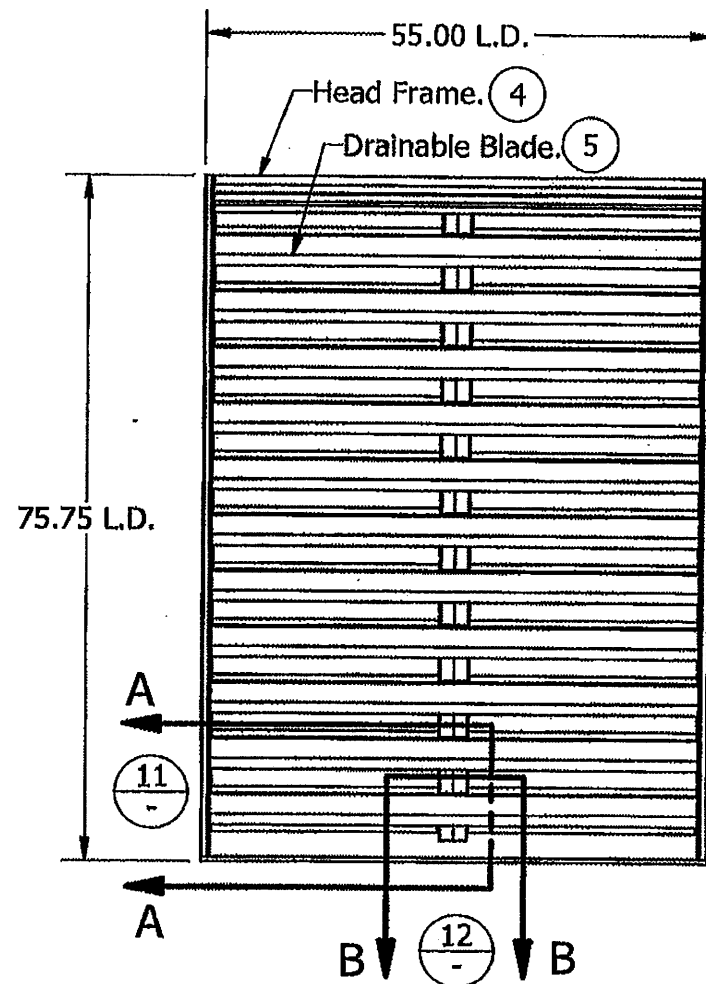
PRODUCT REVISED  
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Building Code  
Acceptance No 12-0913.13  
Expiration Date 02/11/2014  
By *[Signature]*  
Miami Dade Product Control

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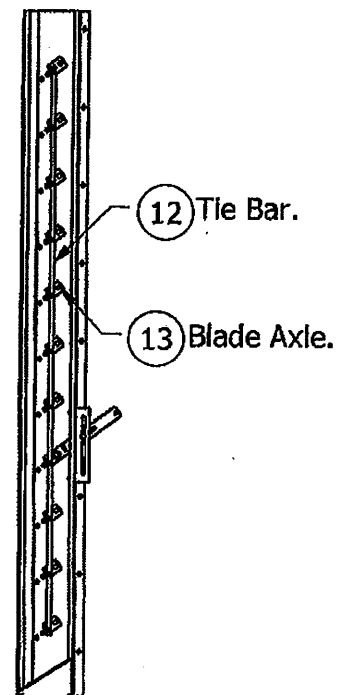
Approved as complying with the  
Florida Building Code  
Date 02/11/2009  
MOAS 02-12-11-05  
Miami Dade Product Control  
Division  
By *[Signature]*

Engineer Of Record:  
Daniel J. Rau  
Engineering Discipline:  
Civil Engineering  
State Of Florida #63636

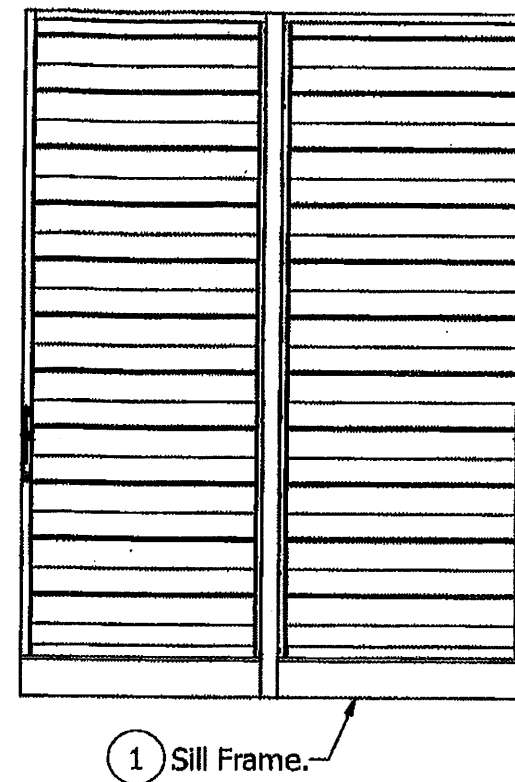
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CHECKED	DJR	11/15/08					
APPROVED	DJR	11/15/08					
MATERIAL			PRODUCT				
ECN			TITLE ELC6375DXD - Combination Louver - Specs Notes And Details				
	SIZE B		DWG NO 60-022114-01B			REV	
SCALE		INVENTOR			SHEET 2 OF 9		



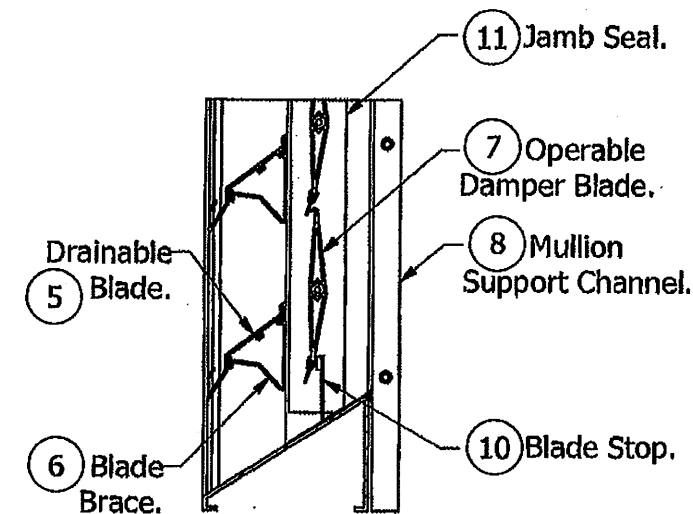
(9) Front Elevation



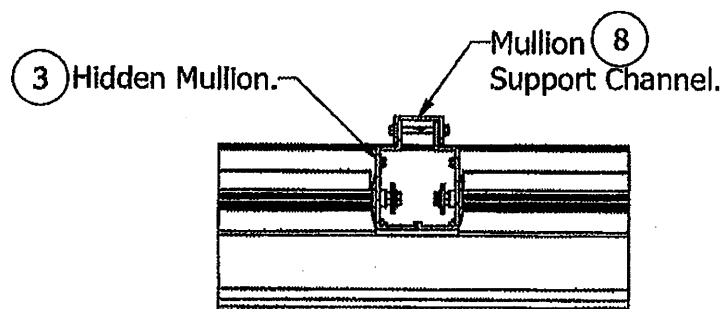
(8) Side Elevation



(10) Rear Elevation



(11/02B) SECTION A-A



(12/02B) SECTION B-B

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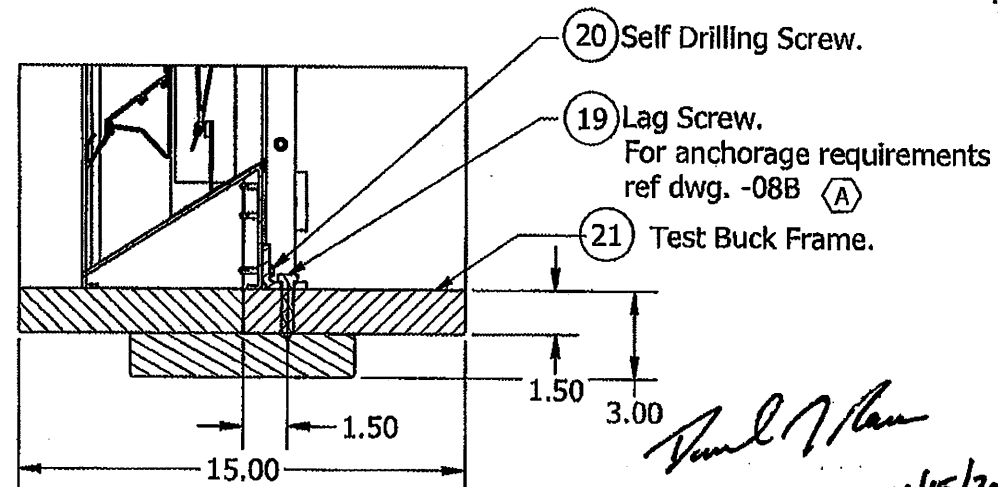
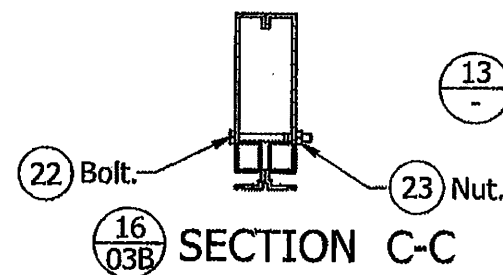
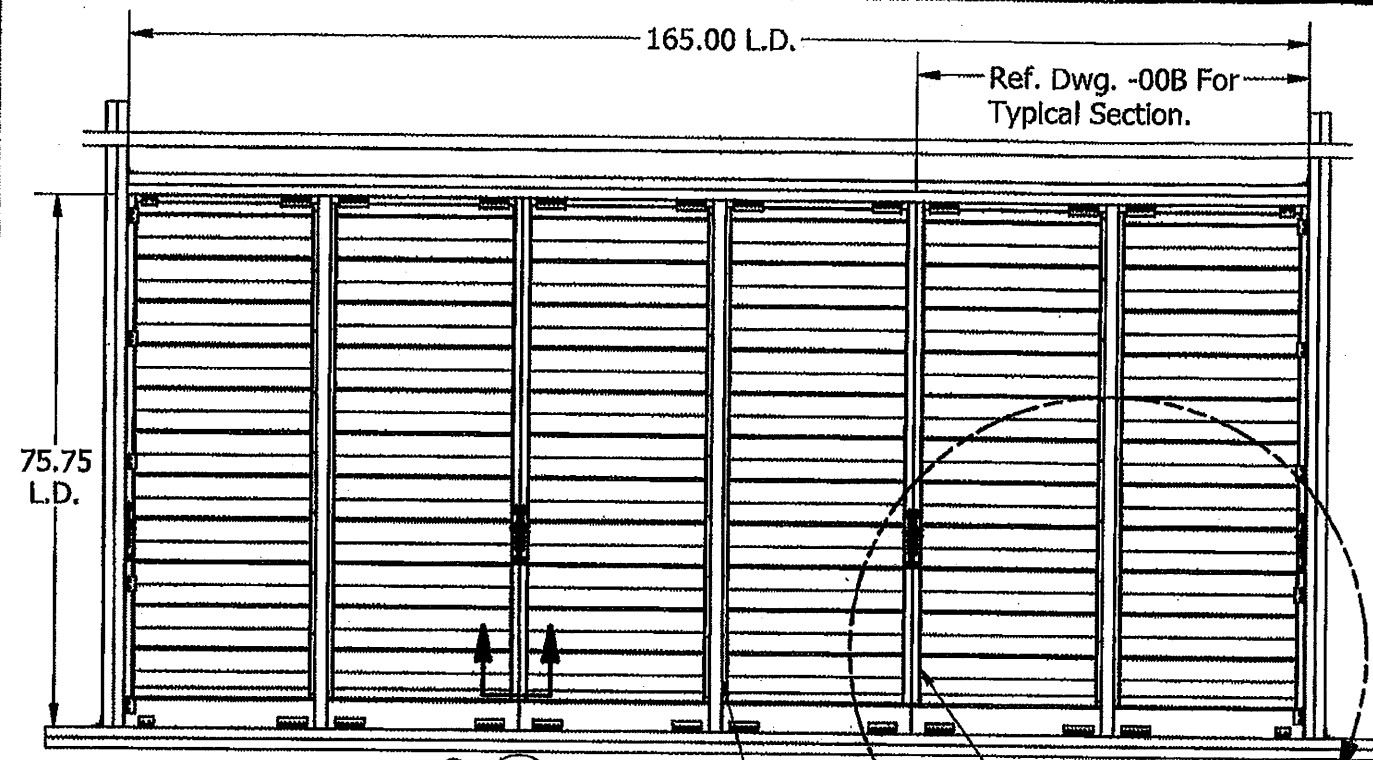
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[Signature] 11/15/2008

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AUTHOR	ENK	8/15/2008				
CHECKED	DJR	11/15/08				
APPROVED	DJR	11/15/08				
MATERIAL	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL					
PRODUCT		TITLE ELC6375DXD - Combination Louver - Specs Notes And Details				
SIZE B		DWG NO 60-022114-02B		REV		
ECN		SCALE		INVENTOR SHEET 3 of 9		



15 03B SECTION B-B

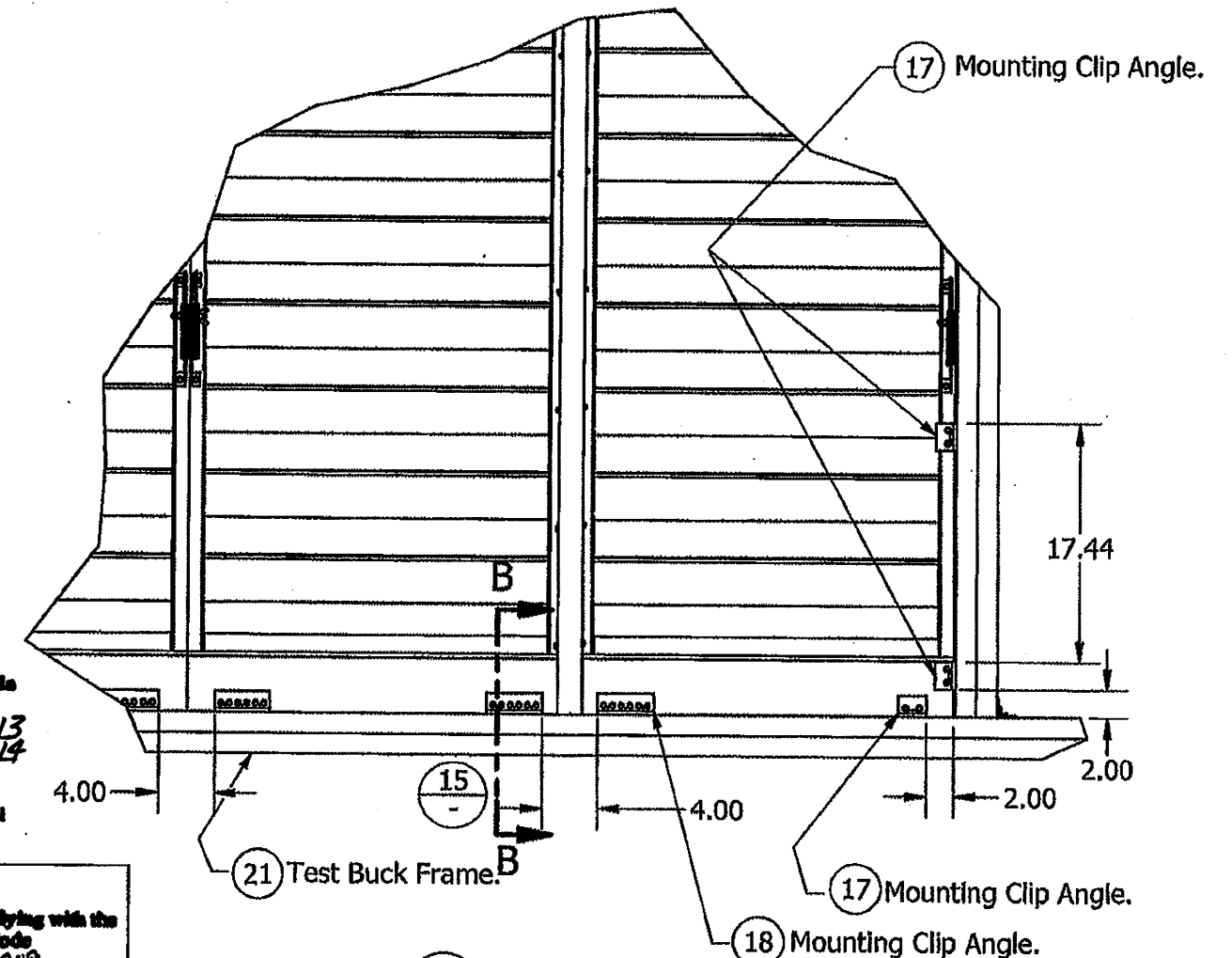
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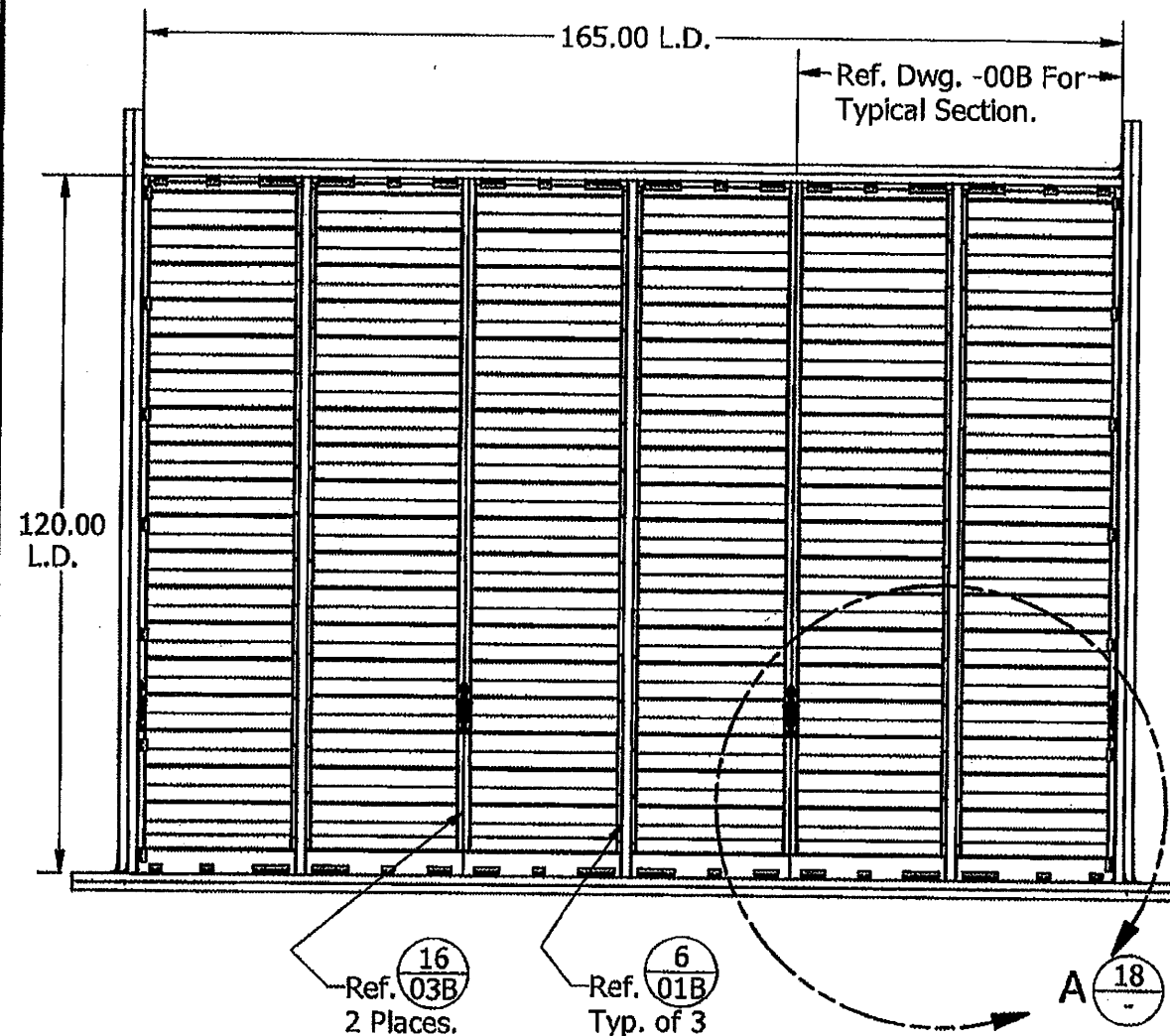
Approved as complying with the  
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Engineering Discipline:  
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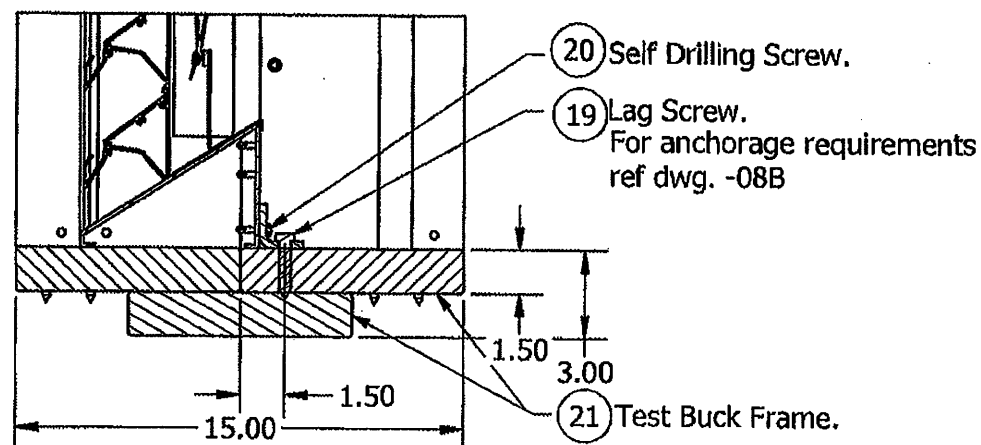
11/15/2008



A		Det. 5 fastener ref.		VMA	DWS	DJR		11/5/08	
AUTHOR		ENK	10/7/2008	RUSKIN Air & Sound Control 3900 Doctor Greaves Road, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL					
CHECKED		DJR	11/15/08						
APPROVED		DJR	11/15/08						
MATERIAL				PRODUCT					
				TITLE ELC6375DXD - Combination Louver - Specs Notes And Details					
				SIZE B		DWG NO 60-022114-03B			REV 1
				SCALE				INVENTOR	
ECN									



(17) Rear Elevation



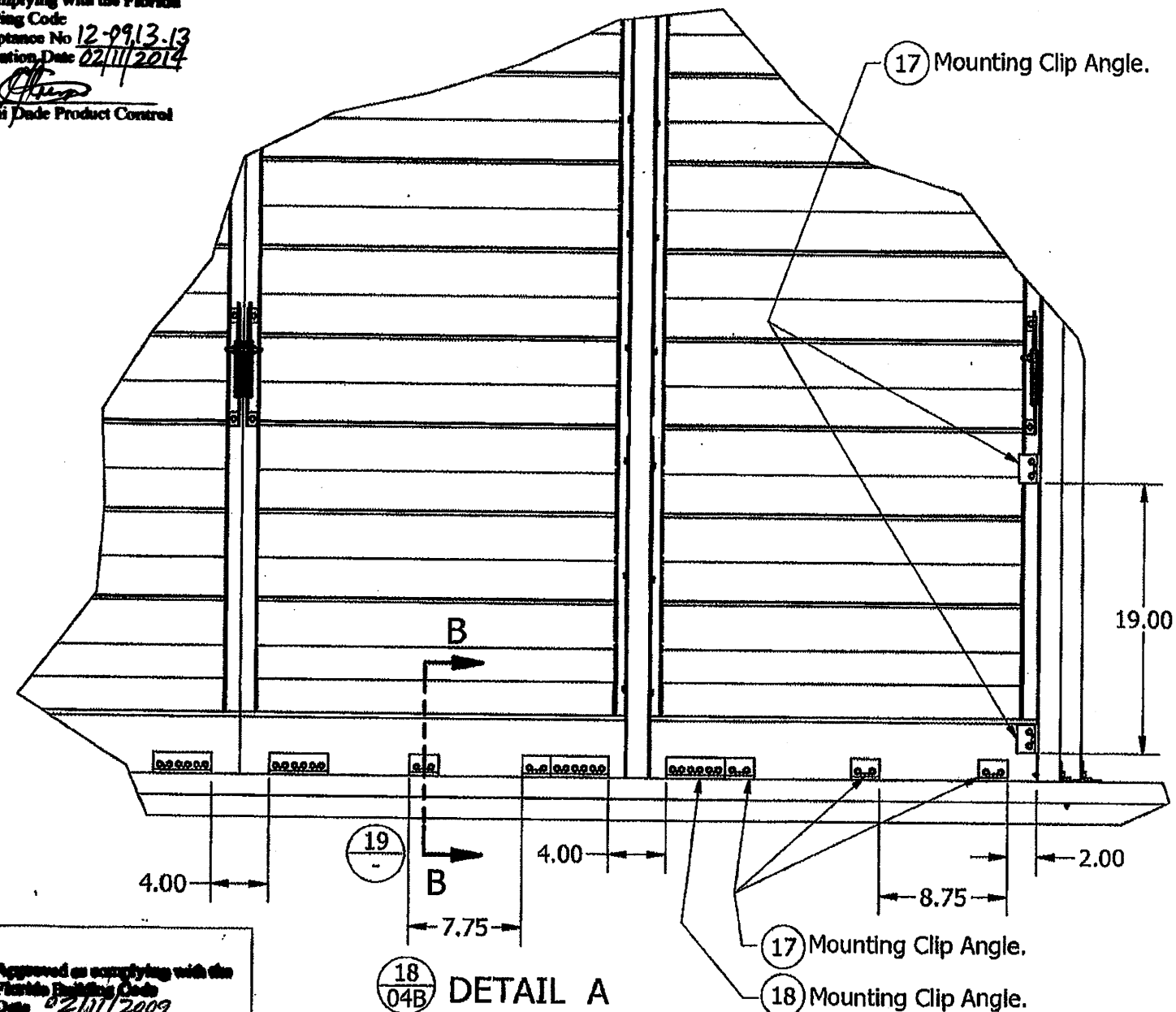
(19) SECTION B-B

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Division  
By *[Signature]*

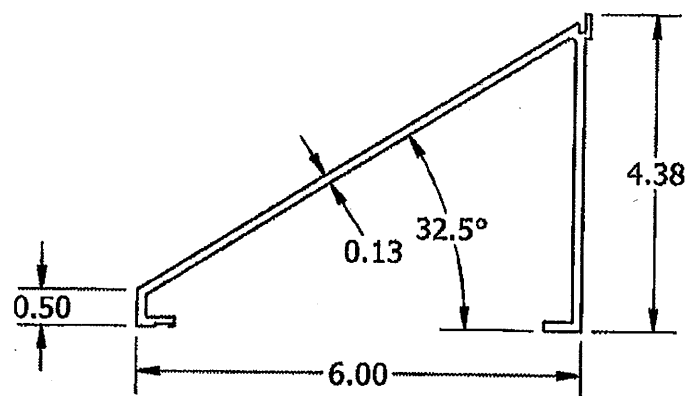
Engineer Of Record:  
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Engineering Discipline:  
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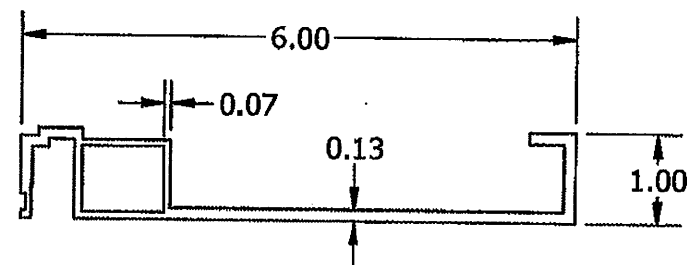
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CHECKED		DJR	11/15/08					
APPROVED		DJR	11/15/08					
MATERIAL				PRODUCT				
TITLE				ELC6375DXD - Combination Louver - Specs Notes And Details				
SIZE				B		DWG NO		60-022114-04B
ECN				SCALE		INVENTOR		SHEET 5 OF 9

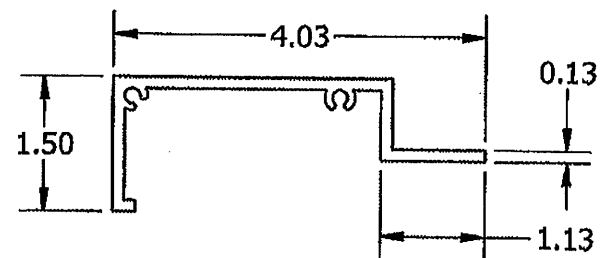




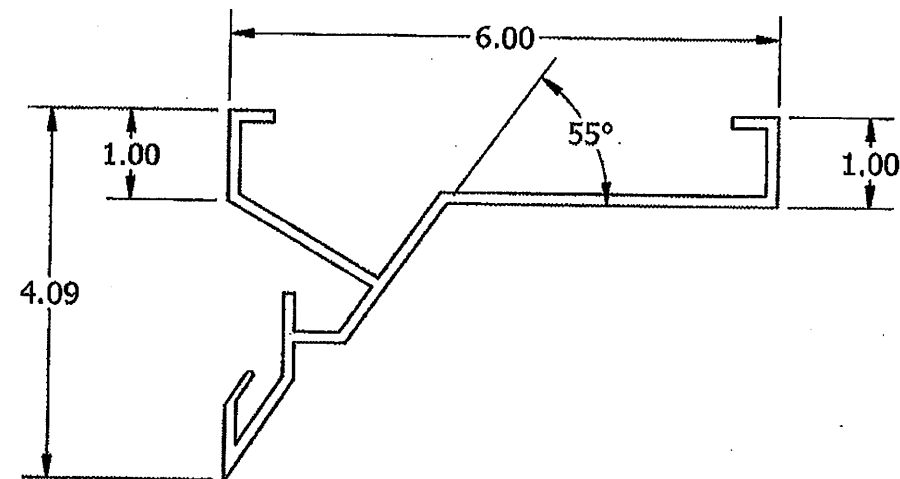
Item 1 - Aluminum Sill - Plant Ref. 70-021130-00B



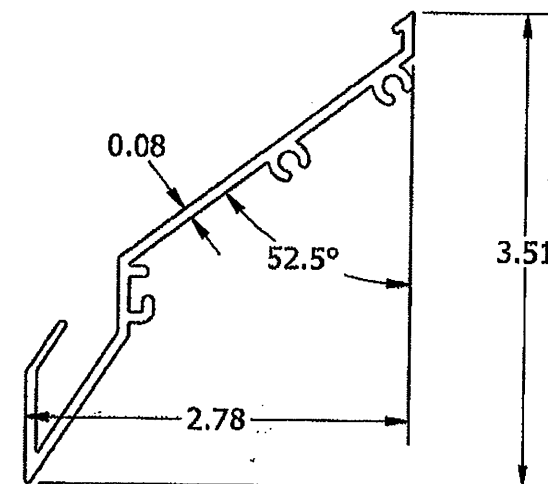
Item 2 - Aluminum Jamb - Plant Ref. 70-020691-00B



Item 3 - Aluminum Hidden Mullion - Plant Ref. 70-021791-00B



Item 4 - Aluminum Head Frame - Plant Ref. 70-020689-00B



Item 5 - Aluminum Drainable Blade - Plant Ref. 70-021718-00B

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*[Signature]*  
11/15/2008

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NOA# 28-1211-05  
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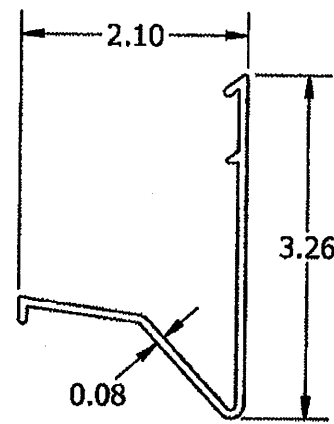
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REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	ENK	8/15/2008				
CHECKED	DJR	11/15/08				
APPROVED	DJR	11/15/08				
MATERIAL						
RUSKIN Air & Sound Control						
3900 Doctor Greaves Road, Grandview, MO 64030						
PROPRIETARY AND CONFIDENTIAL						
PRODUCT						
TITLE ELC6375DXD - Combination Louver - Specs Notes And Details						
SIZE	B					
DWG NO						
SCALE						
INVENTOR						

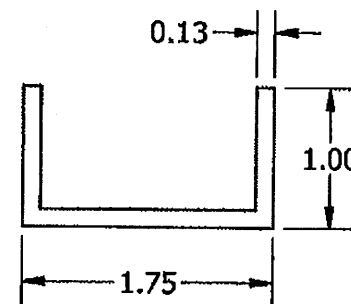
60-022114-05B

SHEET 6 OF 9

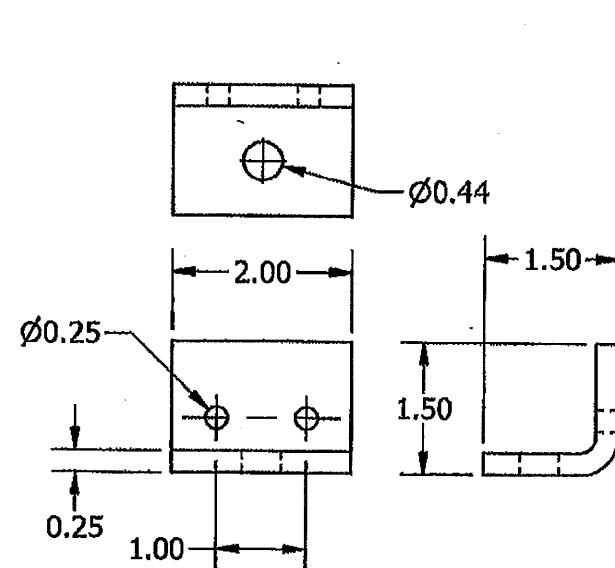




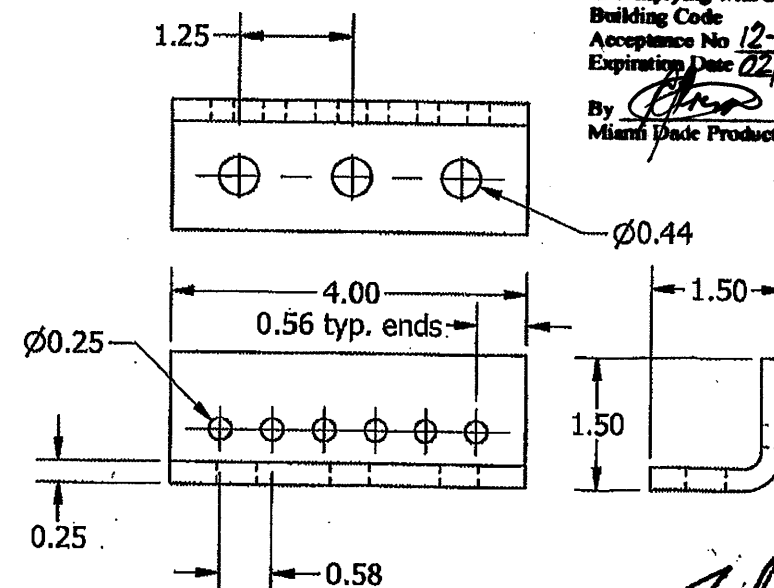
Item 6 - Aluminum Blade Brace - Plant Ref. 70-021719-00B



Item 8 - Aluminum Channel - Plant Ref. 70-021797-00B



Item 17 - Mounting Clip Angle  
Plant Ref. 85-021593-00B



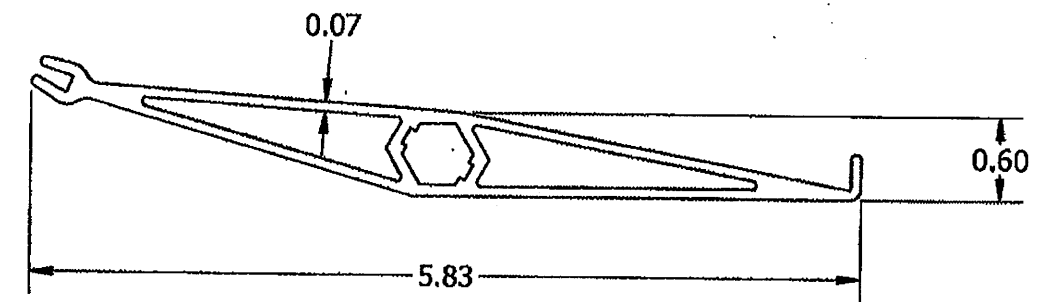
Item 18 - Mounting Clip Angle  
Plant Ref. 85-021594-00B

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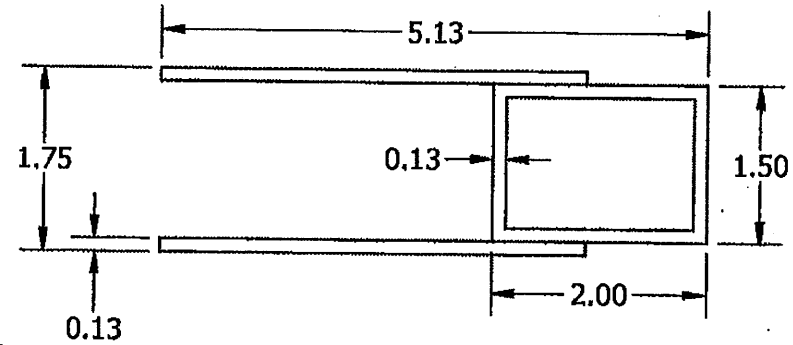
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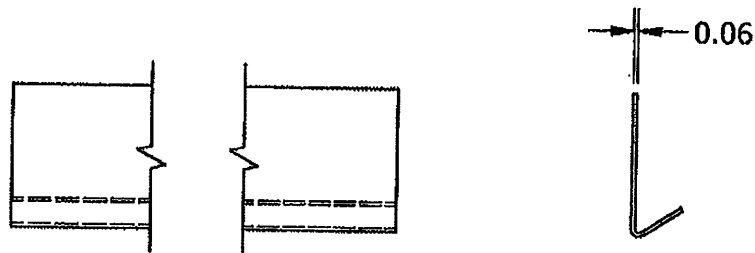


Item 7 - Aluminum Operable Damper Blade - Plant Ref. 70-021027-00B

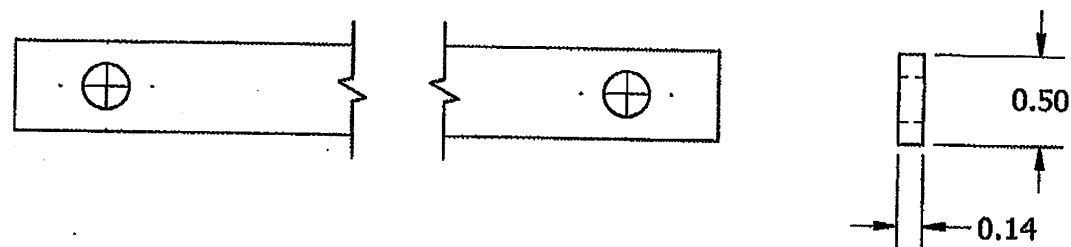


Item 9 - Aluminum Mullion Support - Plant Ref. 70-021798-00B

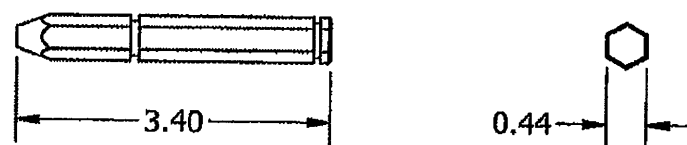
A	Item 18 - Edge dist. dim. from .44 to .56		VMA	DWS	DJR		11/5/08
REV	DESCRIPTION			BY	CHK	APVD	DATE
AUTHOR	ENK	8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL				
CHECKED	DJR	11/15/08					
APPROVED	DJR	11/15/08					
MATERIAL			PRODUCT				
11/15/2008			TITLE ELC6375DXD - Combination Louver - Specs Notes And Details				
			SIZE B		DWG NO 60-022114-06B	REV	
			SCALE				
ECN			INVENTOR		SHEET 7 OF 9		



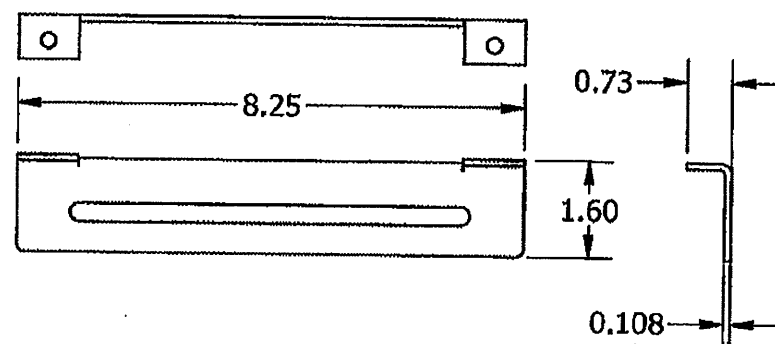
Item 10 - Blade Stop Angle.



Item 12 - Tie Bar - Plant Ref. 10Ga. x 0.50 Galv. Steel.



Item 14 - Blade Axle - Plant Ref. No. 77-002302-01A



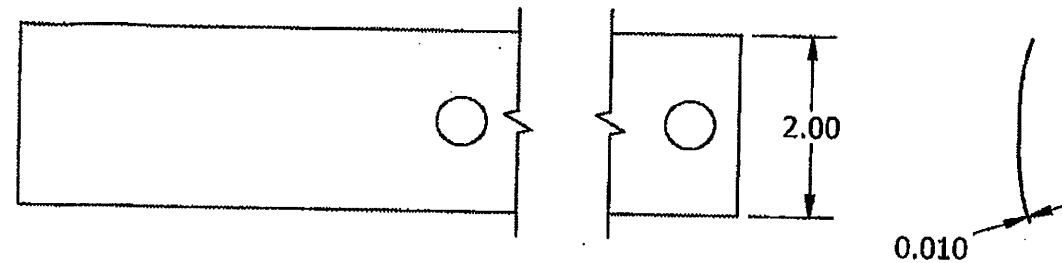
Item 15 - Adjustment Bracket - Plant Ref. No. 70-003023-00B

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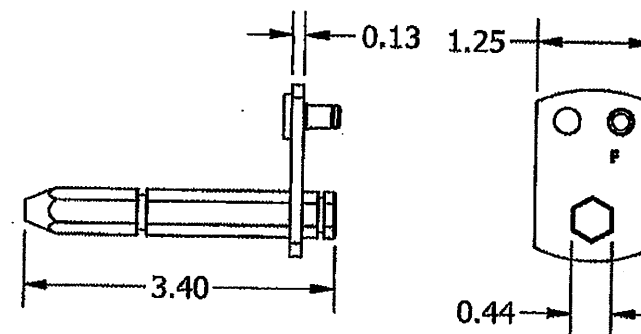
FOR OFFICE USE ONLY

Approved as complying with the  
Florida Building Code  
Date 02/11/2009  
NOA# 08-1211.05  
Miami Dade Product Control  
Division  
By *[Signature]*

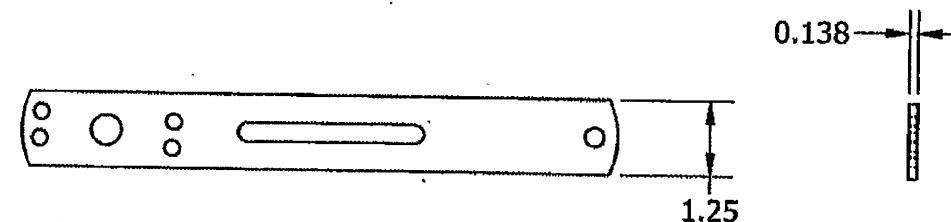
Engineer Of Record:  
Daniel J. Rau  
Engineering Discipline:  
Civil Engineering  
State Of Florida #63636



Item 11 - Jamb Seal - Plant Ref. 2" x 0.010 Stainless Steel.



Item 13 - Blade Axle - Plant Ref. 77-002008-01B



Item 16 - Actuation Arm - Plant Ref. No. 73-003021-00B

AUTHOR	ENK	10/8/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL	
CHECKED	DJR	11/15/08		
APPROVED	DJR	11/15/08		
MATERIAL	<i>[Signature]</i> 11/15/2008		PRODUCT TITLE ELC6375DXD - Combination Louver - Specs, Notes and Details.	
ECN			SIZE B	DWG NO 60-022114-07B
			SCALE	INVENTOR SHEET 8 OF 9

Line Item	Drawing Number	Material	Description	Ruskin Number
1	60-022114-05B	6063-T5 Aluminum	Louver Sill	70-021130-00B
2	60-022114-05B	6063-T5 Aluminum	Jamb Frame	70-020691-00B
3	60-022114-05B	6063-T5 Aluminum	Hidden Mullion	70-021791-00B
4	60-022114-05B	6063-T5 Aluminum	Head Frame	70-020689-00B
5	60-022114-05B	6063-T5 Aluminum	Drainable Blade	70-021718-00B
6	60-022114-06B	6063-T5 Aluminum	Blade Brace	70-021719-00B
7	60-022114-06B	6063-T5 Aluminum	Operable Damper Blade	70-021027-00B
8	60-022114-06B	6063-T5 Aluminum	Mullion Support Channel	70-021797-00B
9	60-022114-06B	6063-T5 Aluminum	Mullion Support Assembly	70-021798-00B
10	60-022114-07B	6061-T6 Aluminum	Blade Stop	N/A
11	60-022114-07B	Stainless Steel	Jamb Seal	N/A
12	60-022114-07B	Galv. Steel	Tie-Bar	N/A
13	60-022114-07B	Steel	Blade Axle	77-002008-01B
14	60-022114-07B	Steel	Blade Axle	77-002302-01A
15	60-022114-07B	Galv. Steel	Adjustment Bracket	70-003023-00B
16	60-022114-07B	Galv. Steel	Actuation Arm	73-003021-00B
17	60-022114-06B	3003-H14	Mounting Clip Angle	85-021593-00B
18	60-022114-06B	3003-H14	Mounting Clip Angle	85-021594-00B
19	N/A	Zinc Plated Steel	Screw, Lag 3/8 x 2.0 Long Zinc Plated	N/A
20	N/A	Steel	Screw, HWH #10 Self-Drilling Zinc	N/A
21	N/A	2 x 8 Dimension Lumber	Test Buck Frame	N/A
22	N/A	Steel	Bolt, 1/4-20 x 2.5 Long Zinc Plated	N/A
23	N/A	Steel	Nut, Hex 1/4-20 Zinc Plated	N/A

Structure Material	Fastener Specification
Timber	3/8" Diameter, 2in long lag screw, 2 in min edge distance
Steel	3/8" self tapping screw or bolt. Minimum metal thickness is 16 ga.
Concrete	3/8" diameter Hilti HLC sleeve anchors, 3 in min edge distance. 1 1/4" minimum embedment. 2000psi min. concrete

(A)

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No 12-0913.13  
Expiration Date 02/11/2014  
By [Signature]  
Miami Dade Product Control

[Signature]  
11/15/2008

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Date 02/11/2009  
NOA# 08-1211-75  
Miami Dade Product Control  
Division  
By [Signature]

Engineer Of Record:  
Daniel J. Rau  
Engineering Discipline:  
Civil Engineering  
State Of Florida #63636

A	Fastener Spec. Table	VMA	DWS	DJR		11/5/08
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	ENK	8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL			
CHECKED	DJR	11/15/08				
APPROVED	VMA	11/15/08				
MATERIAL	PRODUCT		TITLE ELC6375DXD - Combination Louver - Specs Notes And Details			
ECN	SIZE B	DWG NO 60-022114-08B	REV 1		SCALE	
		INVENTOR	SHEET 9 OF 9			